Federal Communications Commission
Washington, DC 20554

Reply to Attn of: **C&PC**

09/01/06

TO: Interested GSA Schedule Firms

SUBJECT: REQUEST FOR QUOTE (RFQ) COMBINED SYNOPSIS/SOLICITATION NUMBER RFQ06000031 for High Frequency Direction Finding (HFDF) Center Upgrade/Replacement Project

The Federal Communication Commission (FCC) is issuing this competitive RFQ to solicit GSA Schedule contract holders for the purpose of entering into a Task Order under the schedule contract. The FCC will conduct this acquisition using Subpart 8.4 under the Federal Acquisition Regulation. If you are interested in this acquisition, you may participate by submitting your response in accordance with the following instructions. Submission shall be via email and by the designated hard copies via mail.

Offerors are required to immediately notify Grayling Reaves and Walter Miller via email of their intent to quote. Offerors are required to submit both a technical quote and a price quote to Government officials for the purposes of assuring that the prospective Contractor is fully cognizant of the scope of this contract and has the capability to complete all Statement of Work (SOW) requirements.

Offerors are to provide a total solution using GSA schedules. Offerors may provide a quote on the entire project or each of the individual requirements. Contractors may propose appropriate labor categories from their own GSA Federal Supply Schedule contract(s) or contractors may team with another GSA Schedule holder to offer a blended solution. When proposing multiple schedules, please identify and group labor categories by their respective schedule contracts.

All offerors shall certify in writing that their proposed solution falls within the scope of their referenced GSA Schedule contract(s).

If you have questions regarding this requirement, please submit your inquiries immediately via email but **no later than Tuesday, September 5, 2006, 12:00 Noon Eastern Time to Grayling Reaves and Walter Miller** at: grayling.reaves@fcc.gov and walter.miller@fcc.gov .

Please be advised that the Government reserves the right to transmit/post those questions and answers of a common interest to all prospective Offerors.

Award will be based upon overall best value to the Government.

SITE VISIT

The Government has scheduled a site visit for **6 September 2006** at **9:00 AM**, during which potential offerors may walk through and review the place of performance and obtain a better understanding of the work required. One government identification card with a photo picture is required for admittance to this site. All questions will be considered during the conference; however, offerors will be asked to confirm oral questions in writing. Subsequent to the conference, an amendment containing an abstract of the questions and answers, and a list of attendees, will be disseminated.

In order to facilitate site visit preparations, potential offerors must send a list of attendees not later than **Tuesday, September 5, 2006, 12:00 Noon Eastern Time**, to Grayling Reaves **Grayling.Reaves@fcc.gov** and Walter Miller **Walter.Miller@fcc.gov** .

The Government assumes no responsibility for any expense incurred by an offeror prior to contract award.

Offerors are cautioned that, notwithstanding any remarks or clarifications given at the site visit, all terms and conditions of the solicitation remain unchanged unless they are changed by amendment to the solicitation. If the answers to questions, or any solicitation amendment, create ambiguities, it is the responsibility of the offeror to seek clarification prior to submitting an offer.

The site visit will be held:

Date: September 6, 2006
Time: **9:00 AM**
Location: **FCC, 9200 Farm House Lane, HFDF Center, Columbia, MD 21046**

SUBMISSION REQUIREMENTS

Your offer **MUST** cite the appropriate Schedule Contract Number in your quote submission along with your tax identification number (**TIN**) and Dun & Bradstreet Number (**DUNS**), North American Industrial Classification System (**NAICS**) and Standard Product Code (**SPC**). Please ensure that your firm is CCR Certified (http://www.ccr.gov).

ASSUMPTIONS, CONDITIONS, OR EXCEPTIONS

Offerors must submit, under separate cover, all (if any) assumptions, conditions, or exceptions with ***any*** of the terms and conditions of this solicitation including the SOW. If not noted in this section of your quote, it will be assumed that the offeror proposes no assumptions for award, and agrees to comply with all of the terms and conditions as set forth herein.

TECHNICAL QUOTE

Offerors shall provide a technical quote that includes brochures and specification sheets. The following three areas shall be addressed:

A. Industry Experience/Past Performance

The Offeror must define their industry experience and past performance to include 3 references for comparable requirements.

(1) Description of Industry Experience/Past Performance

The Bidder shall provide three (3) references for contracts with the Federal Government and/or commercial customers that demonstrate recent and relevant past performance. Recent is defined as within the last three years. Relevant is defined as work similar in complexity and magnitude of the work described in this Statement of Work.

The Government may also consider information obtained through other sources. Past performance information will be utilized to determine the quality of the contractor's past performance as it relates to the probability of success of the required effort.

(2) Subcontracting (if any):

If any subcontractors or affiliated firms are proposed to perform any required tasks, the quote shall specifically identify the tasks that each subcontractor or affiliated firm is proposed to perform and identify their pertinent GSA schedule information.

B. Proof of Insurance & Bonding

PRICE QUOTE

The price quote shall be submitted as a **Firm-Fixed Price quote** and shall detail all material, supplies, and labor necessary and shall be based on your current GSA Schedule contract rates, utilizing any and all discounts.

EVALUATION & BASIS FOR AWARD

This procurement shall be conducted giving each solicited firm a fair opportunity by selecting a quote based on the best combination of price and qualitative merit and reduce the administrative burden of all parties. Fair opportunity is based on the premise that, if all offers are of approximately equal qualitative merit, award will be made to the Offeror with the lowest evaluated price. However, the Government will consider awarding to an Offeror with higher qualitative merit if the Contracting Officer determines it to be in the Government's best interest.

Please note that this request does not commit the Government to pay any costs incurred in the submission of your offer, nor to contract for said services. Note also, that full, accurate, and complete information is required by this request in accordance with 18 U.S.C. § 1001 which also prescribes the penalties for making false statements.

Please identify your offer on the outside of your package. Offers shall be emailed to grayling.reaves@fcc.gov and walter.miller@fcc.gov and mailed (or delivered) as a single package to the following address:

FCC Warehouse
9300 E. Hampton Drive
Capital Heights, MD 20743

Attn: Grayling Reaves & Walter Miller
FCC HQ, Rm. 1A462

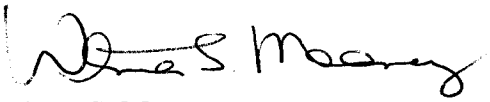
The RFQ due date (closing date) is on or before 4:30pm Eastern Time, Friday, September 8, 2006.

NOTE: Due to current FCC security measures, packages shall not be delivered to FCC Headquarters and will not be accepted there.

All correspondence regarding this procurement must be submitted via email to: grayling.reaves@fcc.gov **and** walter.miller@fcc.gov .

Contracting Officer: Ms. Wilma S. Mooney
Phone: 202-418-1865
Email: wilma.mooney@fcc.gov
Fax: 202-418-5963

Sincerely,



Wilma S. Mooney

Enclosures:
1. Statement of Work
2. RFQ Submittal Cover Sheet

Federal Communications Commission
9200 Farm House Ln.
HFDF Center
Columbia, Md. 21046

High Frequency Direction Finding (HFDF) Center Upgrade/Replacement Project

The Federal Communications Commission (FCC) requests quotes for the following infrastructure needs at the FCC, Enforcement Bureau, Columbia Field Office, 9200 Farm House Lane, Columbia, Md. 21046:

1. Underground Electric Feed

Replace the FCC owned primary power feed from Baltimore Gas and Electric service at the street to the Columbia Lab out buildings and the Enforcement Bureau complex.

- Replace the high voltage underground (UG) cable serving the Farm House and the Workshop Building.
- Replace the existing pole and the pole-mounted transformer at the Farm House with a larger one of size.
- Replace the four existing transformers in Workshop Building.

Attached is **Attachment 1** with the specifications and drawings.

Background: The underground primary power feed supplying the Lab out buildings and the EB complex consists of a three wire, three phase service installed in 1946.

2. Emergency Generator

Install an emergency generator to supply the EB field office space and EB satellite monitoring position in the EB farm house. The generator required is a 60 KW, diesel, 120/220 single phase, with ground pad and 225 amp transfer switch. Ground mount this generator near the power transformer near the garage and share fuel tanks with the existing HFDF generator.

Background: In 2005, a new emergency generator was installed to provide emergency power for the HFDF Center and its associated support building, the garage and the storage building. An emergency generator is now needed to support critical homeland security operations associated with the satellite monitoring position and the field office. The HFDF generator does not have the capacity to power the farm house also.

3. Public Water Supply

Install water supply from public works of Howard County. Extend existing service with 2" pipe from the FCC Lab, 1500 feet to the EB Columbia complex. Refurbish the plumbing in the Field Office to handle the additional water pressure of a municipal water source.

Background: The EB Columbia complex currently uses an artesian well for its water supply.

4. HFDC Center Building Replacement

The Government requests quotes for the following options:

a. Modular Building (Butler Building or Equal)
1. Steel Frame
2. Wood Frame

b. Trailers

The following represent the minimum requirements. In addition, **Attachment 2** provides the desired floor plan.

Building to consist of a 45' x100' foot structure.

Rear Wall faces EAST
Front Wall faces WEST
North is to the LEFT on the room lay out graphic.

Roof Pitch 1:12 (1 inch) or steeper.

Foundation: Concrete Slab on leveled surface

Inside ceilings at 11 feet from sub floor.

All doors double wall insulated core steel,
- NO windows EXCEPT for double entry doors into ENTRY AREA.
All single doors at 3 feet wide
All double doors at 6 feet wide
All windows to be sliding w/screens.

Room dimensions missions are approximate

Storage Room 12 x 16
Rear wall - 3 foot widow centered between 3 foot door and end of building
Side Wall – 3 foot window centered on hall way
Offices along rear wall all 8 x 12
3 foot windows centered in each room
3 foot doors to open inward against the wall
Break Room 12 x 15
6 foot window centered in rear wall
Work Shop 14 x 24
6 foot window centered on rear wall
3 foot window on the South wall
Utility Room 15 x 35
Two 3 foot windows evenly spaced between double door & front wall
One 3 foot window center on front wall
HFDF Ops Room 32 x 35

Two 6 foot windows. Locations yet to be determined.

Office – Director 14 x 15

One 3 foot window centered on front wall

Entry Area

One 3 foot window centered between double door & Conference room wall

Conference Room 25 x 30

One 6 foot window centered on front wall

Two 6 foot windows centered on North Wall

SOUND PROOFING:

Approximately ½ of the interior walls will be off set double studded floor to ceiling with fiber glass insulation for sound control.

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ATTACHMENT 1

Electrical Specifications and Drawings

2. DATA & DESIGN CRITERIA USED

2.1 Applicable Codes and Standards

FEDERAL BUILDINGS:

In accordance with Public Law 100-678 Section 21 (40 CFR 619), the latest edition of nationally recognized Model Codes & Standards adopted by the GSA Administrator or the head of other Federal Agency shall apply. State and Local zoning laws and building regulations also apply to the maximum extent possible (see list below). The edition of each code in effect at time of Design Contract Award shall apply for the duration of construction. For GSA administered buildings, the following standards have been adopted. Unless we receive additional guidelines from the federal agency owning the building, the following codes and standards will be used.

A. GSA PBS-P100, Facilities Standards for the Public Buildings Service, 2000

B. ICC International Building Code, 2000 Edition

C. NFPA 70, National Electrical Code (ANSI), 2002 Edition (supersedes local codes for electrical requirements

E. NFPA 101, Life Safety Code (ANSI), 2000 Edition (supersedes local codes for egress requirements)

F. CFR Title 40, Protection of Environment

G. Clean Air Act, Title VI: Stratospheric Ozone Protection

STATE OF MARYLAND:

A. ICC International Building Code (IBC), 2000

B. NFPA 1 National Fire Prevention Code, 1999

HOWARD COUNTY:

A. Howard County Electrical Code (Howard Co. Code Title 3 Subtitle 2) – NFPA 70 National Electrical Code, 2002, with Local Amendments

B. NFPA 101, Life Safety Code, 2000

2.2 Basis Of Calculations

Load calculation was performed and included in the feasibility study report dated July 29, 2003.

3. ANALYSIS

3.1 Existing Conditions And Observations

The FCC purchased the property in February 1941 at which time FCC personnel upgraded electrical systems. The Laurel Monitoring Station is a cluster of four buildings, Farm House, Maintenance Building, Monitoring Station Garage, and HFDF Center.

The Workshop Building and the Cape Cod House, the Workshop Annex (storage and fitness center), and a Garage are a cluster of four buildings.

The BG&E medium voltage power service enters the property at a power pole behind the chain-linked fence at Oakland Mills road with a meter and current transformer cabinet. The overhead power line ended at a second pole 40 feet from the 1st pole where a pole riser cable transition for medium voltage underground cable is used to carry power to the Workshop Building.

Four transformers are used to step voltage down to 240/120-volt and distribute power inside the workshop and to the adjacent facilities. The transformers and wirings are very old. The transformer vault has exposed live parts carrying medium voltage cable terminations, and hazard exists.

The medium voltage feeder cable loops back out of the Workshop Building, continues underground to a 25 feet power pole at the Laurel Monitoring Station location. A 50kVA pole top transformer step medium voltage down to 240/120 volt and delivers electrical power to the Farm House and the Maintenance Building.

The direct burial medium cable is over 60 years old. It has lost phase conductors in recent years and it is now operates on only one phase conductor carrying 2400V. However, power service at Workshop Building has deteriorated further and the Farm House cluster of building is operating at a limited capacity of 50kVA.

3.2 Engineering Analysis

A. Load analysis performed in the feasibility study indicates the pole-mounted transformer at the Farm House location should be increased in size to 100 KVA. On the other hand power demand for the Workshop Building cluster has reduced to 50 KVA.

B. Observation at the BG&E power pole at Oakland Mills Road indicates that there are three 50 KVA transformers connected in wyes configuration to deliver 4160/2400V three phase power to the FCC. This feeder has adequate capacity to serve both the Workshop and Farm House buildings.

C. Single conductor medium voltage cable as compared to 3 conductor cable, even though higher in initial cost, is more reliable because failure of one will not affect the other. The use of 4160-volt 3 phase power as primary instead of 2400V will eliminate the neutral conductor and results in lower installation cost. However, grounding will have to be established at each step down transformer for safety and voltage stability.

D. The four transformers in the Workshop Building are very old and connected to 2400V primary service with exposed with bar. It is potential hazardous for maintenance personnel who works with transformer and high voltage wires inside the building.

E. According to FCC personnel, the Workshop can be shutdown for 48 hours for the feeder service upgrade work and the Farm House/Laurel Monitoring can be operated on the existing emergency generator for eight

hour pre-arranged time to switch over from the old to the new transformer without significant impact to the operation of the station.

3.3 Work Sequence

To minimize interruption to the operation of the Laurel Monitoring Station. The first phase of the construction work is to install the new single conductor 5kV shielded cable, the pad mounted transformer and sectionalized switch; install new power pole and two 50kVA transformers at the Farm House. The second phase of the construction work is to switch existing service to the new service feeders and transformers. The final phase of construction is to upgrade the 240/120-power service inside the Workshop.

The new underground cable will be routed closer to Farm House Lane side to avoid accidental cutting any existing underground or overhead utilities and antenna wires by the trencher. The 1st section of the new underground cable will be routed from the existing medium power pole to the Workshop Building. The second section of the new underground cable will be loop-feed from the pad mounted transformer via a sectionalized switch to the Laurel Monitoring Station/Farm House.

One single-phase pad mounted transformer exterior to the building will be used to replace all four transformers inside of the Workshop Building.

Power service at the Workshop will be consolidated with a new 240/120-volt main distribution panel (MDP) in the basement. All local existing distribution panels will be re-connected to the new MDP. Loads connected to the outdated L.H. Terpening fuse panel in the basement will be transferred to the MDP and the fuse panel will be demolished.

The power pole and overhead transformer at Laurel Monitoring Station will be replaced with two new 50kVA transformers and a new pole to increase the capacity of the service. The overhead service lateral will be re-used.

ATTACHMENTS

Sketches	Description
02.001-Z	Planimetric and Topographic Survey Plan
E-SK-01	Electrical Site Plan
E-SK-02	One-Line Diagram - Existing
E-SK-03	One-Line Diagram - New

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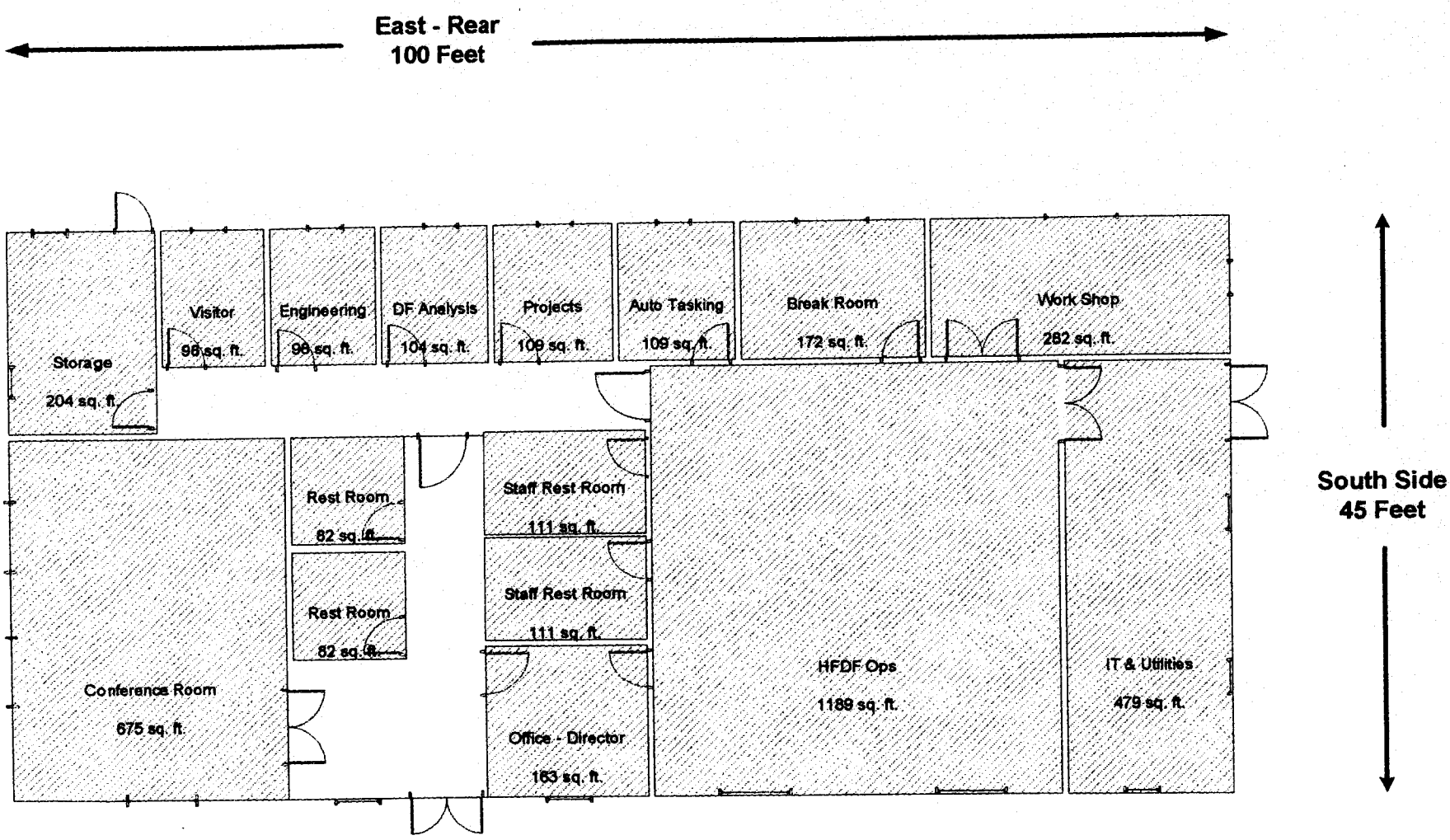
ATTACHMENT 2

Building Floor Plan


East - Rear
100 Feet
Storage
204 sq. ft.
Visitor
98 sq. ft.
Engineering
98 sq. ft.
DF Analysis
104 sq. ft.
Projects
109 sq. ft.
Auto Tasking
109 sq. ft.
Break Room
172 sq. ft.
Work Shop
282 sq. ft.
Rest Room
82 sq. ft.
Rest Room
82 sq. ft.
Staff Rest Room
111 sq. ft.
Staff Rest Room
111 sq. ft.
Conference Room
675 sq. ft.
Office - Director
163 sq. ft.
HFDF Ops
1189 sq. ft.
IT & Utilities
479 sq. ft.
South Side
45 Feet